WALTHER PILOT

Manual Spray Guns

Die Beschichtungs-Experten

The Product Range for Every Application

WALTHER PILOT spraying equipment – guaranteed quality also for clean room technology

WALTHER PILOT gives you quality and environmental protection at the same time. Everything fits – not only the spray gun but also the whole system. No matter what your requirements are, you will be supplied with tailor-made, economical coating technology.

Our main product areas

- **Manual spray guns**
- **Automatic spray guns**
- **Containers and paint delivery systems**
- **Spray booths**
- **A complete range of accessories**

The ideal solution for many industries. And for yours too?

Guaranteed parts availability for 10 years.

WALTHER PILOT produces spraying equipment for every conceivable workpiece and coating material. Allowing us to supply just about every branch of industry, in particular:

- **Metalworking industry**
- **Automotive paintshops**
- **Furniture industry and joinery**
- **Plastics industry**
- **Automotive assembly plants**
- **Food and pharmaceutical industries**
- **Model building and design**

Special models, such as two component spray guns, are also successful on the market.

State-of-the-art technology from the manufacturer

Spraying equipment must always be matched to the job in hand. With WALTHER PILOT you're always on the safe side. Our expertise covers all the current varieties of spraying technology, including

- **Conventional atomisation**
- **Medium-pressure spraying technology**
- **HVLP spraying technology**
- **Airless and air-assisted airless**
- **Electrostatic coating**

We invest millions year for year in securing the highest quality for our products.

You can judge us by our results.

You can use WALTHER PILOT guns to spray practically all coating materials. These include not only paints and lacquers but also adhesives, sealants and separating agents.

In order to guarantee the highest quality and to save expensive coating material, WALTHER PILOT spray guns are usually available with a large variety of nozzle sizes. Extensive tests ensure that our knowledge of the coating media is always kept up to date and electronically stored. This means that you always receive reliable information about the best nozzle size and air cap to use.

In case of doubt, we will carry out tests using your material. So why not judge us by our successful results: the spraying quality, the material savings and our long-term contribution to environmental protection.

High transfer efficiency

The following results (summary of the transfer efficiency of medium-pressure spray guns) were measured at the IPA Fraunhofer Institute. They are clear evidence of our quality.

Measured result Transfer efficiency Clear Coat

Measured result Transfer efficiency Top Coat

			Tr. Eff. CC		Tr. Eff. TC	
Spray gun	Nozzle Ø mm	Air cap	0.7 bar	1.3 bar	0.7 bar	1.3 bar
Pilot Maxi MD	0.5	068 MD	80 %	71 %	87 %	84 %
	2.5	218 MD	81 %	73 %	90 %	86 %
Pilot IIIF MD	0.5	0.5	76 %	67 %	85 %	80 %
	2.5	2.5	76 %	72 %	90 %	85 %
Pilot Mini FA	0.5 W	038 MD	82 %	74 %	86 %	82 %
	2.5 W	188 MD	81 %	75 %	90 %	88 %

A top-class lightweight

PILOT Vario

Vario is the top-of-the-range PILOT spray gun – the finest atomisation is guaranteed. It is ideal not only for fine surface finishes but also for other applications such as spraying adhesives.

A perfectly matched nozzle/air cap system is available for every application (11 sizes from 0.3 mm to 2.5 mm diameter).

What is more, PILOT Vario is available in three versions:

- **Low-pressure (HVLP) model PILOT Vario-ND**
- **Medium-pressure model PILOT Vario-MD**
- **High-pressure model PILOT Vario-HD for conventional atomisation**

The threaded bushings are made of stainless steel on the material side and brass on the air side.

Environmental Assessment

All wetted parts are made of stainless steel. This means that water-borne coatings and aggressive media can be sprayed without any problems.

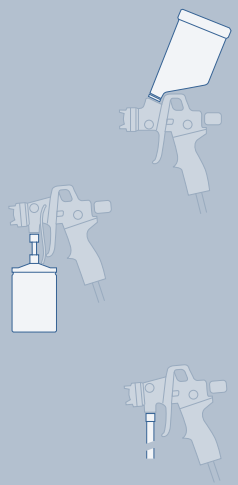
The transfer efficiency of the MD and ND model versions measured according to prEN 13966 is more than 70%.

WALTHER PILOT also supplies models suitable for high-solid media.

The smooth transitions in the material duct prevent material from accumulating, thus minimising the amount of cleaning agent required.

Nozzle diameter in mm	0.3	0.5	0.8	1.0	1.2	1.4	1.5	1.8	2.0	2.2	2.5
Air caps	●	●	●	●	●	●	●	●	●	●	●

Standard nozzle: 1.5 mm ø



All connection versions are available.

PILOT Vario-ND (low-pressure)

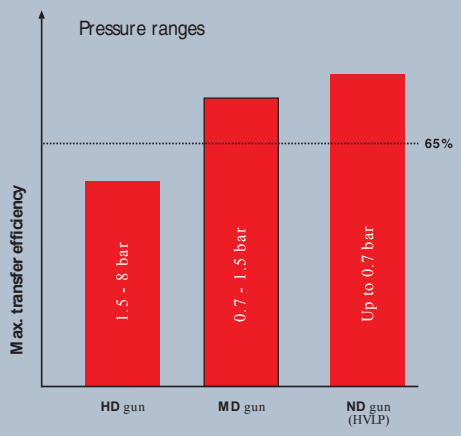
- **with asymmetrical gravity-feed cup 450 ccm V 11 721 04 . . 3**
- **with suspended pressure-feed cup 800 ccm Part No. V 11 723 04 . . 3**
- **with material connection for pressure tanks or pumps Part No. V 11 722 04 . . 3**

PILOT Vario-MD (medium-pressure)

- **with asymmetrical gravity-feed cup 450 ccm Part No. V 11 711 04 . . 3**
- **with suspended pressure-feed cup 800 ccm Part No. V 11 713 04 . . 3**
- **with material connection for pressure tanks or pumps Part No. V 11 712 04 . . 3**

PILOT Vario-HD (high-pressure)

- **with asymmetrical gravity-feed cup 450 ccm Part No. V 11 701 03 . . 3**
- **with suction-feed cup 1000 ccm Part No. V 11 703 03 . . 3**
- **with material connection for pressure tanks or pumps Part No. V 11 702 03 . . 3**



Air cap versions

6-hole air cap

8-hole air cap (HD version)

12-hole air cap (HD version)

PILOT Vario

Versatile and practical

PILOT Vario is several spray guns all in one.

Simply order a second front part and exchange it according to the application. A special tool is included for this purpose. The front part can also be easily removed to allow quick and easy replacement of a worn needle seal.

Special features

- **Low weight:** The spray gun has an ergonomic design that makes it extremely comfortable to use, and weighing just 390 grams it is exceptionally light. Working could hardly be more pleasant.
- **Self-adjusting quick-change packing** made of PTFE, can be removed in no time at all.
- **Easy Clean principle.** The design of the material duct prevents the build up of dirt and contamination
- **Also suitable for use with extensions**

Lightweight spray gun, lightweight tank

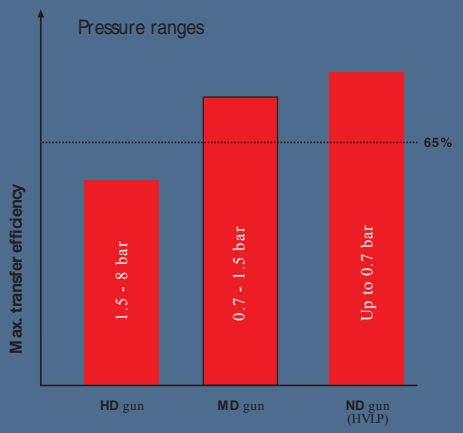
A spraying system at its very best

A spraying system comprising a PILOT Vario spray gun and a PILOT LDG lightweight pressure tank allows you to spray virtually any type of material, as all wetted parts are made of stainless steel. The thin-wall pressure tanks are designed for a maximum operating pressure of 6 bar. They are also a lightweight in terms of price.

Medium pressure – the advantages

At medium pressure, the spraying material is atomised in the pressure range between 0.7 and 1.5 bar.

1. **You achieve a high transfer efficiency and therefore save material.**
2. **You obtain a superior surface finish that meets the highest demands.**
3. **The operator does not have to change from one process to another. Working speeds and application rates are high. The gun is very comfortable to use.**



Tank and lid made of stainless steel (1.4571)

Tank sizes: 5 litres, 10 litres and 20 litres

The success formula for environmental pro

PILOT Maxi

Like PILOT Vario, PILOT Maxi is more than just a spray gun. It is a whole concept – a system that offers flexible solutions for the widest variety of spraying media. It is available in three different versions:

- **Low-pressure model PILOT Maxi-ND (HVLP system)**
- **Medium-pressure model PILOT Maxi-MD**
- **High-pressure model Maxi-HD for conventional atomisation**

With these three types, you are sure to have the right spray gun at hand for every possible application. You simply choose the model that is optimally suited for the properties of your spraying material. They ensure that you obtain the desired film thickness with superb surface finishing results and maximum transfer efficiency.

Environmental Assessment

All wetted parts are made of stainless steel. This means that water-borne coatings and aggressive media can be sprayed without any problems.

The transfer efficiency of the MD model versions measured according to prEN 13966 is more than 70%. Please see the results measured by the IPA Fraunhofer Institute on page 7.

WALTHER PILOT also supplies models suitable for high-solid media.

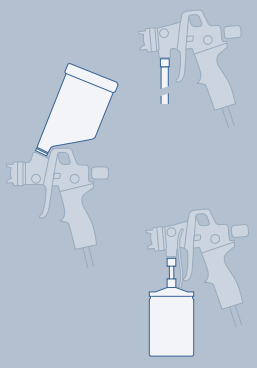
The smooth transitions in the material duct prevent material from accumulating, thus minimising the amount of cleaning agent required.

Technical features

Nozzle diameter in mm	0.3	0.5	0.8	1.0	1.2	**1.5**	1.8	2.0	2.2	2.5
Air caps 8 / 12-hole	●	●	●	●	●	●	●	●	●	●

Standard nozzle

Fine-finishing air cap



PILOT Maxi-ND (low-pressure)

- **with asymmetrical gravity-feed cup 450 ccm**
  Part No. V 11 633 04 . . 3
- **with suspended pressure-feed cup 1000 ccm**
  Part No. V 11 635 04 . . 3
- **with material connection for pressure tanks or pumps**
  Part No. V 11 634 04 . . 3

PILOT Maxi-MD (medium-pressure)

- **with asymmetrical gravity-feed cup 450 ccm**
  Part No. V 11 615 05 . . 3
- **with suspended pressure-feed cup 1000 ccm**
  Part No. V 11 617 05 . . 3
- **with material connection for pressure tanks or pumps**
  Part No. V 11 616 05 . . 3

PILOT Maxi-HD (high-pressure)

- **with asymmetrical gravity-feed cup 450 ccm**
  Part No. V 11 613 03 . . 3
- **with suspended pressure-feed cup 1000 ccm**
  Part No. V 11 619 03 . . 3
- **with material connection for pressure tanks or pumps**
  Part No. V 11 614 03 . . 3

All connection versions are available.

All wetted parts: stainless steel.

Air cap versions

6-hole air cap

8-hole air cap

12-hole fine-finishing cap
(only in combination with pressure tank / pump)

in each case for nozzle sizes:
0.3 – 1.8 mm and 2.0 – 2.5 mm ø

Repair kits

are available for all versions.

Net weight: only 440 grams

ection, material savings and fine surfaces

High transfer efficiency confirmed

Measured result Transfer efficiency Clear Coat

Measured result Transfer efficiency Top Coat

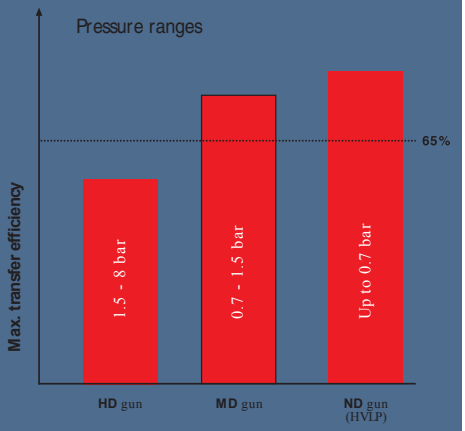
			Tr. Eff. CC		Tr. Eff. TC	
Spray gun	Nozzle Ø mm	Air cap	0.7 bar	1.3 bar	0.7 bar	1.3 bar
Pilot	0.5	068 MD	80 %	71 %	87 %	84 %
Maxi MD	2.5	218 MD	81 %	73 %	90 %	86 %

These results for the PILOT Maxi-MD measured by the IPA Fraunhofer Institute in a standardised procedure confirm the high transfer efficiency.

Medium pressure – the advantages

At medium pressure, the spraying material is atomised in the pressure range between 0.7 and 1.5 bar.

1. **You achieve a high transfer efficiency and therefore save material.**
2. **You obtain a superior surface finish that meets the highest demands.**
3. **The operator does not have to change from one process to another. Working speeds and application rates are high. The gun is very comfortable to use.**



PILOT Maxi-ND

The HVLP model is especially environmentally friendly, as its high transfer efficiency reduces waste and waste disposal costs. When dry filters are used, the filter mats need to be changed less frequently.

The suspended pressure-feed cup version allows a high transfer rate.

PILOT Maxi-ND with suspended pressure-feed cup

PILOT Maxi – PILOT SprayPak

Spray gun and pump – the perfect combination.

Connect PILOT Maxi or another spray gun of your choice (PILOT Vario, PILOT III F) to a SprayPak with a double diaphragm pump and pump the material directly from the can or drum.

The PILOT SprayPak spraying unit is equipped with a special pneumatically operated fine regulator for the material pressure, ensuring excellent atomisation free of pulsation. A material filter is also integrated.

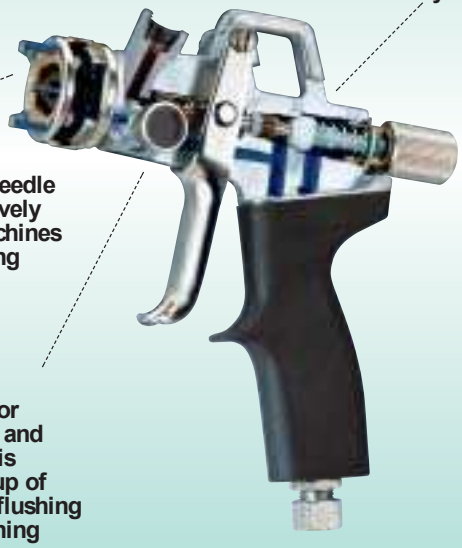
User comfort

From the ergonomically designed handle upwards, you will find a spray gun that has been perfected in every detail. The gun body is TEFLON®-coated for easy cleaning.

The finest finish over large surfaces

PILOT Maxi

The air valve is integrated into the needle axle, which means that there is no exposed valve shaft that might result in dirt accumulation and faulty operation.



The nozzle, air cap and needle are manufactured exclusively on special WALTHER machines o ensure that the spraying inish is 100% perfect.

Stainless steel inlay for water-borne coatings and aggressive media. This eliminates the build up of dirt – ensuring short flushing periods and low cleaning agent consumption.

The ideal spray guns for:

- Paintshops
- Metalworking industry
- Plastic processing industry
- Automotive repair
- Furniture industry
- Interior design
- Trade fair design and shopfitting
- Coachbuilding
- Food industry
- Pharmaceutical industry

Do you work with pressure tanks?

The spraying medium is safely stored. Troublesome filling is eliminated. The even, pulsation-free delivery ensures top-quality spraying results.

The material pressure and atomising pressure can be optimally matched – even when using critical materials. The material flow rate and the work rate are therefore generally higher than with feed cup guns.

We can supply a whole range of complete systems including containers at special rates.

Simply give us a call.

Air pressure filter and regulator in modular design – to adapt to each application

Comfortable handling due to material connection

Galvanised or stainless steel pressure tanks in many sizes.

We will be happy to send you our special brochure.

Like PILOT Vario, PILOT Maxi is ideally suited for fine-finish work for the highest of demands.

Rápido, rápido

PILOT Rapid

This lightweight and handy spray gun is ideal not only for small parts and repair work but also for objects with large surface areas. The jet width, work rate and atomisation quality are optimal. The aluminium body is sturdy and easy to clean.

With a large range of nozzles from 0.3 to 2.2 mm diameter (9 sizes) with only 2 air cap sizes, the spray gun is suitable for almost every application and every spraying material. A version with a rotating jet nozzle insert for difficult to atomise materials is available on request.

Environmental Assessment

The transfer efficiency of the MD model version according to prEN 13966 is more than 70%.

The internal thread prevents the build-up of coating and dirt residues.

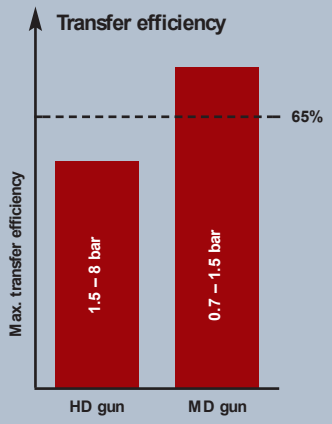
Technical features

Nozzle diameter in mm	0.3	0.5	0.8	1.0	**1.2**	1.5	1.8	2.0	2.2
Air cap 034	●	●	●	●	●	●	●		
Air cap 185							●	●	●

Standard nozzle

Versions:

- Medium-pressure model PILOT Rapid-MD Part No. V 10 174 04 . . 3
- High-pressure model PILOT Rapid-HD for conventional atomisation Part No. V 10 172 04 . . 3



Technical data:

- Weight: 400 g
- Input pressure HD - 4 bar
  MD - 3.3 bar
- Material connection: 1/4”
- Needle packing: PTFE

Compact power for fine details and surfaces

PILOT Mini

Weight:
only 290 g

PILOT Mini offers you genuine professional quality. In spite of its compact size, the jet width, delivery rate and atomisation quality leave nothing to be desired.

Universal application

We offer an exceptionally wide range of nozzle sizes: a total of 9 different diameters are available, from 0.3 to 2.2 mm. This means that you always have the right nozzle for every application and every material – whether you are spraying fine details or large surfaces.

User comfort

The gun body is made of high-quality plastic. The ergonomically shaped handle means that the gun sits comfortably in your hand. And unlike guns with a metal handle, it doesn't make the palm of your hand cold.

Environmental assessment

In this WALTHER PILOT model too, all wetted parts are made of stainless steel. This means that water-borne coatings can be sprayed without any problems. The thread inlets are made of stainless steel on the material side and brass on the air side.

The medium-pressure version of PILOT Mini allows you to achieve a particularly high transfer efficiency.

High transfer efficiency confirmed

Measured result Transfer efficiency Clear Coat

Measured result Transfer efficiency Top Coat

			Tr. Eff. CC		Tr. Eff. TC	
Spray gun	Nozzle Ø mm	Air cap	0.7 bar	1.3 bar	0.7 bar	1.3 bar
Pilot Mini MD	0.5 W	038 MD	82 %	74 %	86 %	82 %
	2.5 W	188 MD	81 %	75 %	90 %	88 %

source: IPA Fraunhofer Institute

Technical features

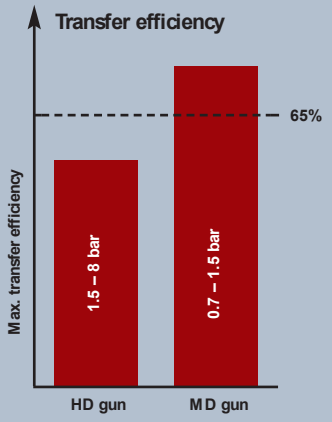
Nozzle diameter in mm	0.3	0.5	0.8	1.0	**1.2**	1.5	1.8	2.0	2.2
Air cap 034	●	●	●	●	●	●	●		
Air cap 185							●	●	●

Standard nozzle

Rotating jet nozzle insert

Versions:

- **High-pressure model**
  PILOT Mini-HD with plastic gravity-feed cup 125 cc with strainer
  Part No. V 10 151 02 . . 3
- **High-pressure model**
  PILOT Mini-HD with material connection 1/4"
  Part No. V 10 152 02 . . 3
- **Medium-pressure model**
  PILOT Mini-MD with plastic gravity-feed cup 125 cc with strainer
  Part No. V 10 141 02 . . 3
- **Medium-pressure model**
  PILOT Mini-MD with material connection 1/4"
  Part No. V 10 142 02 . . 3



Air cap versions

6-hole air cap

for nozzle sizes:
0.3 – 1.8 mm and 2.0 – 2.2 mm ø

Rotating jet nozzle inserts for tear-resistant materials.

Coating materials

Water-borne coatings, aggressive media, solvent-based coatings, adhesives, separating agents, food.

Spraying system with the compact spray gun PILOT Mini

comprising:

- **New spray gun PILOT Mini with material connection**
- **Pressure tank MDG 4 (stainless steel)** (further tank alternatives available on request)
- **Filter compressed air regulator H2**
- **Set of hoses**

All wetted parts are made of stainless steel. This means that water-borne coatings can be sprayed without problems.

PILOT Mini

The all-rounder for:

- Decorative work
- Model making
- Toy manufacturing
- Precision mechanics
- Signwriting
- Separating agent application
- Coachbuilding
- Repair work
- Ceramic coatings
- Adhesive application
- Wood and furniture coating

Ideal – especially for DIY and hobbies

The PILOT Mini spray gun is the ideal choice for virtually every industry. Shown here in ceramic coating.

The product family for industry and trades

PILOT III F

This high-performance model has long-since become the symbol of WALTHER quality in industry and trades. It is designed for spraying solvent-based materials. Stainless steel nozzles and needles are available for spraying water-borne coatings.

In this model too, the gun body is TEFLON®-coated for easy cleaning.

A new addition to the product range is the medium-pressure version of the PILOT III F. This spray gun is environmentally friendly, saves material and helps to achieve greater VOC conformity.

Environmental assessment

Suitable under certain conditions for water-borne materials.

With the medium-pressure model, you can achieve a particularly high transfer efficiency (see Table).

Suitable nozzle / air cap systems are available for spraying high-solid coating materials.

High transfer efficiency confirmed

Measured result Transfer efficiency Clear Coat

Measured result Transfer efficiency Top Coat

			Tr. Eff. CC		Tr. Eff. TC	
Spray gun	Nozzle Ø mm	Air cap	0.7 bar	1.3 bar	0.7 bar	1.3 bar
Pilot IIIF MD	0.5	0.5	76 %	67 %	85 %	80 %
	2.5	2.5	76 %	72 %	90 %	85 %

Source: IPA Fraunhofer Institute

Technical features

Nozzle diameter in mm	0.5	0.8	1.0	1.2	**1.5**	1.8	2.0	2.5	3.0	3.5
Air cap 034	●	●	●	●	●	●	●	●	●	●

Standard nozzle

Versions

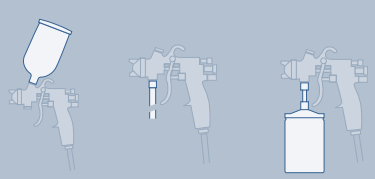
HD spray guns for conventional atomisation

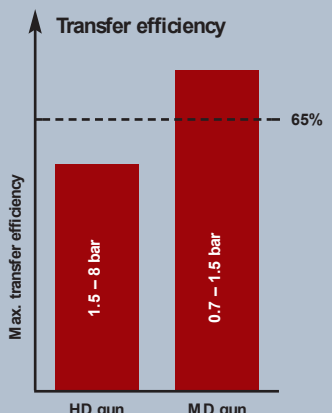
- with plastic or aluminum gravity-feed cup 450 ccm
  Part No. V 10 301 02 ..1
- with suction-feed cup 1000 ccm
  Part No. V 10 303 72 ..1
- with material connection for pressure tanks or pumps
  Part No. V 10 302 02 ..1

Versions

MD spray guns for medium pressure

- with plastic or aluminum gravity-feed cup 450 ccm
  Part No. V 10 310 02 ..1
- with material connection 3/8" for pressure tanks or pumps
  Part No. V 10 311 02 ..1





Repair kit

for wearing parts
Part No. V 16 003 02 ..1

PILOT III F

The industrial PILOT for:

- Paintshops
- Metalworking industry
- Construction industry
- Furniture industry
- Interior design
- Trade fair design and shopfitting
- Separating agent application
- Coachbuilding
- Ceramic coatings
- Adhesive application

High variability

The special feature of the PILOT III F is that the type of material supply can be varied as required. For example, the flow cup can be quickly removed and the opening sealed, allowing a material hose or a suction feed cup to be fitted instead.The same gun body forms the basis for all connection possibilities. This also applies to the PILOT III F-MD.

Versions for all applications

Nozzle extension with air cap spraying sideways at 90°

PILOT IV GM

Low-cost standard spray gun for all common spraying jobs

The PILOT IV GM is a pure gravity feed cup gun. It has a light-alloy body. The round jet or wide jet can be infinitely adjusted.

With plastic or aluminium gravity feed cup 450 ccm

Part No. V 11 441 02 ..1

PILOT IV

Low-cost standard spray gun with natural wood handle and nickel-plated brass body

With plastic or aluminium gravity feed cup 450 ccm
Part No. V 11 401 02 ..1

Repair kit / accessories

for wearing parts
Part No. V 16 004 02 ..1

Technische Merkmale

Standard nozzle

Nozzle diameter in mm	0.5	0.8	1.0	1.2	**1.5**	1.8	2.0	2.5	3.0	3.5
Air cap 034	●	●	●	●	●	●	●	●	●	●

The PILOT product family for heavy-duty jobs

PILOT XIII

The PILOT XIII and PILOT XIII-ND (low-pressure) series spray guns are ideally suited for heavy-duty industrial applications.

Our spray guns are designed to cope with the toughest jobs day in day out. They can be used for spraying all materials – even aggressive coatings – since all the parts in contact with the material, including the nozzle, needle and air cap, are made entirely of stainless steel

Large variety of models

The PILOT XIII is available in many different versions, including a version for material circulation. The corresponding stainless steel front body (see below) can also be used for the HVLP version.

Environmental assessment

Ideal for aqueous and therefore low-solvent materials. Nozzle / air cap systems are available for high-solid materials. What is more, the HVLP version ensures a high transfer efficiency.

The gun can easily be converted by exchanging the front body. The front parts – made entirely of stainless steel – are a guarantee for long-term success, even with critical materials.

Technical Features

Nozzle diameter in mm	0.5	0.8	1.0	1.2	**1.5**	1.8	2.0	2.5	3.0	3.5
Air cap 034	●	●	●	●	●	●	●	●	●	●

Standard nozzle

Versions

- **with plastic gravity-feed cup 450 ccm Part No. V 11 301 03 ..1**
- **with suction-feed cup 1000 ccm Part No. V 11 303 73 ..1**
- **with material connection for pressure tanks or pumps Part No. V 11 302 03 ..1**

Repair kit

for wearing parts Part No. V 16 013 03 ..3

Material circulation and more

Apart from the usual connection possibilities, other versions are available:

- **with material connection and air quantity control on the underside of the handle**
- **with a connection for circulating operation (conventional and HVLP)**
- **with a pressure-feed cup or gravity-feed cup for the HVLP versions**

The use of nozzle extensions is possible.

For water-borne coatings and aggressive media

PILOT XIII-ND

This model offers you all the benefits of HVLP, saves material and still allows you to work quickly. It guarantees top-quality spraying results, making this spray gun the ideal choice not only in the manufacturing industry and the building sector but also in the automotive industry.

Versions

- **with plastic gravity-feed cup**
  Part No. V 11 331 03 ..3
- **with aluminium gravity-feed cup 450 ccm**
  Part No. V 11 336 03 ..3
- **with suspended pressure-feed cup 1000 ccm**
  Part No. V 11 338 03 ..3
- **with material connection for pressure tanks or pumps**
  Part No. V 11 332 03 ..3

The PILOT XIII-ND with a gravity feed cup is still the first choice for the application of dispersion adhesives in the upholstered furniture industry (see also pages 18-20).

PILOT XIII / XIII-ND

The spray guns for:

- Shipbuilding
- Construction industry
- Furniture industry
- Metalworking industry
- Foundries
- Steelworks
- Coachbuilding
- Ceramic coatings
- Adhesive application
- Soundproofing Materials

PILOT XIII-High-pressure

This spray gun is used whenever materials are supplied to the gun at high pressure, for example by a pump. Material pressures of max. 50 bar are possible. It is also suitable for spraying high viscosity materials.

With safety catch.

Part No. V 11 342 43 ..3

Nozzle sizes 1.0 / 1.5 / 2.0 / 2.5 mm ø

PILOT XIII-U

Spray gun for integration into material circulation systems.

Part No. V 11 312 03 ..3

Nozzle sizes: as PILOT XIII

Spray guns for fine detail

PILOT I

Spray gun for fine and difficult spraying jobs. The gun handle is made of high-quality natural wood and sits comfortably in the hand. The trigger is light and easy to operate. The spraying results are first class.

Part No. V 10 101 51 ..3

Nozzle sizes:
0.2 / 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm ø

Aluminium flow cup: 100 ccm

Other cup sizes available on request.

PILOT I with wide-jet nozzle insert:

Part No. V 10 101 02 ..3

PILOT Mini,
the spray gun for fine detail.
See also Pages 10/11.

The spray gun for:

- Model making
- Patining
- Shoe industry
- Figure painting
- Spectacle manufacture
- Decorative painting
- Paintwork restoration

PILOT I is ideal for a whole range of precision spraying work, such as model making.

Application in the confectionery industry.

Airless – air-assisted airless

WAGNER airless spray guns

G12 Europa

Standard airless spray gun with a material pressure of up to 270 bar.

Material filter in the handle. Swivel fitting for material connection 1/4“.

All standard airless nozzles are available.

Table of nozzles available on request.

G15

Standard airless spray gun with a material pressure of up to 530 bar.

Material filter in the handle. Swivel fitting for material connection 1/4“.

All standard airless nozzles are available.

Table of nozzles available on request.

G15 H

Hot spray airless spray gun with a material pressure of up to 530 bar.

Swivel fitting for material connection. Material connection thread: M16x1.5

All standard airless nozzles are available.

Table of nozzles available on request.

GM 3000 AC

Standard spray gun for the AirCoat process with a material pressure of up to 250 bar.

Max. atomising air pressure: 8 bar.

Material filter in the handle. Swivel fittings for material and air connection.

Two air caps for solvent-based and water-borne materials are available.

Reverse nozzles for easy cleaning.

All standard airless nozzles are available.

Table of nozzles available on request.

Airless equipment

A wide variety of material supply equipment is available for both airless and AirCoat models.

Electrostatic high-pressure spray gun

WAGNER spray gun GM 2000 EAC EN

for use with solvent-based coatings.

The "wrap around” effect in electrostatic systems means that very little material is lost through overspray. The charged paint particles are finely distributed over the object, guaranteeing a first-class finish.

Max. material pressure: 250 bar
Input current: 0.7 A
Output voltage: 80 kV
(available with round-jet or flat-jet nozzle)

WAGNER control unit VM 200

for manual spray gun
GM 2000 EAC
(max. 11 m gun cable).

WAGNER control unitt VM 2000

for manual spray gun GM 2000 EAC (max. 80 m gun cable).
Variable voltage.

Spray guns for solvent-based adhesives

Adhesive application – with an adhesive spray gun

WALTHER PILOT offers a wide range of spray guns designed specifically for applying adhesives. For more process reliability and top-quality results. So that you no longer have to make do with a paint spray gun instead.

- Especially large material ducts improve the flow properties. As a result, even shear-sensitive adhesives can be applied without difficulty.
- The adhesive spray cap has especially large air holes positioned at a certain angle to the nozzle. This prevents material from being deposited on the air cap. In addition, it ensures that the percentage of overspray is kept within limits. The gun is economical in use and does not damage the material.

PILOT XIII

PILOT XIII can be used for both flammable and non-flammable solvent-based adhesives. It is also ideally suited for spraying polyurethane adhesives. All wetted parts are made of stainless steel.

The spray gun is available in three versions:
- with material connection
- with plastic gravity-feed cup
- for material circulation systems

Nozzle sizes:

0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø

Part No. see page 14

PILOT III K

High-performance spray gun for spraying solvent-based adhesives. The nozzle can also be supplied in stainless steel.

Available for gravity feed cups or for connection to material supply systems. The same gun body is used for connection to different supply systems. The body is TEFLON®-coated for easy cleaning.

Environmental assessment

Nozzle / air cap systems, in particular rotating jet nozzles, are available for spraying high-solid adhesives.

Technical Features

Nozzle diameter in mm	1.0	**1.5**	1.8	2.0
Rotating jet nozzle	●	●	●	●

Versions

- with material connection and wide-jet air cap Part No. V. 10 352 33 ..1
- rotating jet nozzle type Part No. V 10 351 21 ..1 (gravity-feed cup type)
- Part No. V 10 352 21 ..1 (material connection)

Repair kit

for wearing parts
Part No. V 16 023 33 ..1

Rotating jet nozzles – ideal for high-solid adhesives

For environmentally friendly but highly tear-resistant polyurethane adhesives and for high solids, rotating jet nozzles are used. In these nozzles, the air is supplied in such a way that the material is swirled.

Spray guns for dispersion adhesives

PILOT Maxi-ND-K

Low viscosity dispersion adhesives are best sprayed at low air volume and low pressure (LVLP) in order to avoid excessive spray mist formation. PILOT Maxi-ND-K and PILOT Vario-ND-K are ideally suited for this type of spraying work, especially as all wetted parts are made of stainless steel. The large-volume material duct ensures that flushing time is kept to a minimum. LVLP models with a high transfer efficiency effectively prevent material wastage.

PILOT Vario-ND-K

Versions:

- PILOT Maxi-ND-K with gravity feed cup
  (Part No. V 11 623 03 . . 3
- PILOT Maxi-ND-K with material connection 3/8"
  (Part No.V 11 620 02 . . 3)

- PILOT Vario-ND-K with gravity feed cup
  (Part No.V 11 724 02 . . 3)
- PILOT Vario-ND-K with material connection
  (Part No. V 11 725 02 . . 3)

PILOT XIII-ND

PILOT XIII-ND is also suitable for spraying dispersion adhesives. It is frequently used in the upholstered furniture industry.

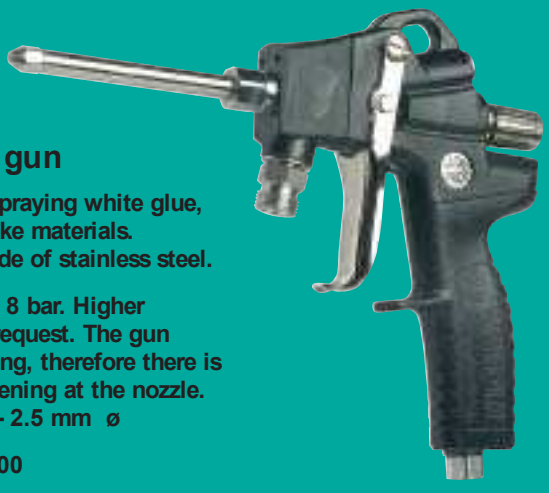
Part No. see page 15

Environmental assessment

The spray guns PILOT Maxi-ND-K, PILOT Vario-ND-K and PILOT XIII-ND ensure economical material application with environmentally friendly dispersion adhesives.

They are ideally suited for meeting VOC regulations for adhesives.

Extrusion guns

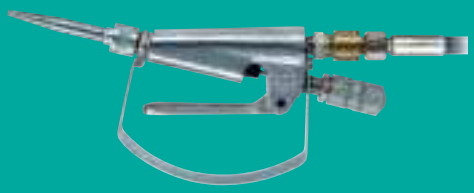


Vario extrusion gun

**Especially suitable for spraying white glue, putty and other paste-like materials.
All wetted parts are made of stainless steel.**

**Max. material pressure: 8 bar. Higher pressures available on request. The gun works with needle sealing, therefore there is no risk of material hardening at the nozzle.
Nozzle sizes: from 0.3 – 2.5 mm ø**

Part No. V 10 252 00 000



PILOT extrusion gun

with tapered nozzle for high viscosity materials up to 350 bar.

The gun body is made of aluminium, the material connection of stainless steel.

Part No. V 10 250 00 000

2K adhesive spraying technology

PILOT III 2K

High-performance spray gun for spraying two-component dispersion adhesives. All parts in contact with the material are made of stainless steel.

Mixing in the spray jet

These spray guns do not require the use of 2K mixing and dosing equipment. The A-component and the B-component are supplied separately. Mixing takes place in the spray jet. The hardener is added via a horn bore.

The gun body is TEFLON®-coated for easy cleaning. This spray gun is designed to use the PILOT RatioMaster material supply system.

Environmental assessment

The spray gun is especially suited for water-based two-component adhesives.

The PILOT III 2K can be optimally used in combination with the environmentally friendly PILOT RatioMaster material supply system. Solvent-based adhesives must not be used in this case.

B-component A-component

Technical Features

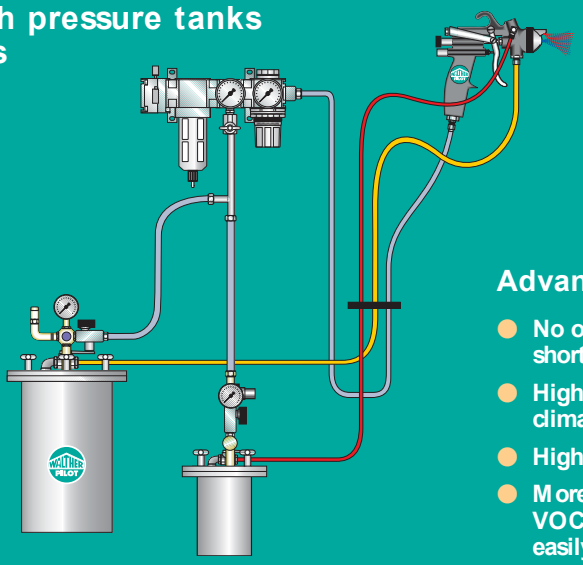
Nozzle ø A-component in mm	0.8	**1.0**	1.2
Nozzle ø B-component in mm	0.3	**0.4**	0.5

Part No. V 24 531 21 ..3

PILOT Klebond 2

2K adhesive system with pressure tanks for dispersion adhesives

- Pressure tank MDG 45 or 22 for the A-component
- Pressure tank MDG 4 for the B-component
- Spray gun PILOT III-2K
- Air pressure regulator H2 with filter and T-piece for the compressed air supply to the two tanks and the spray gun
- Various hoses
- Hose protection



Advantages:

- No oven drying required – short curing periods at room temperature
- High resistance to chemical, mechanical and climatic loads
- High-quality adhesion results
- More environmental protection: VOC regulations can be complied with more easily as dispersion materials are used.

Special spray guns

PILOT IV HW

Hot wax spraying system. The wax is carefully heated in the flow cup and then applied with a low spraying pressure. This ensures minimum overspray and a high transfer efficiency.

Part No. V 87 960 00 000

PILOT Airtherm

Both solvent-free and solvent-based materials can be sprayed, as the spray gun is explosion-protected.

The gun works with low pressure as the heated air means that only a low atomising pressure is required. The heating of the atomising air can be infinitely varied between 20 and 95 °C, depending on the properties of the spraying material.

PILOT WG

with nozzle pipe, slit nozzle or round nozzle
Part No. V 24 620 15 . . .

PILOT Pinsel

Applicators with hair-bristle brushes. Available in various sizes.
Part No. V 24 630 00 . . .

PILOT SIL mirror silvering spray guns

available with two or three material nozzles. The nozzles are made of stainless steel. Both types have a pneumatic locking device.

Nozzle sizes: 0.8 - 1.5 mm ø.

Part No. V 24 133 51 . . 3

PILOT M isch-N

Two-component manual spray gun for materials with a short pot life. Both components are supplied to the gun via separate connections. Mixing takes place in the spray jet. The mixing ratio is determined by the different nozzle diameters and the material pressure. All wetted parts are made off stainless steel.

Part No. V 24 320 00 . . 3

PILOT VIII Air-Blow Gun

Part No. V 10 850 00 000

PILOT WS - blasting gun

Part No. V 24 603 00 . . 2

PILOT IV EM M dividing line applicator

Part No. V 11 422 61 . . 2

PILOT VIII G Air-Blow Gun

Part No. V 10 831 00 000

Accessories / spare parts for manual spray guns

Extension for sideways spraying

Extensions

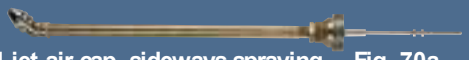
Coatings need to be perfect even in hard to access places. For this reason, WALTHER PILOT supplies a wide range of extensions.

Extensions are custom-made parts. They always involve tailor-made solutions to specific problems. Please send for our special brochure. We will be happy to advise you.

Extension for coating the inside of pipes

Material pipe: stainless steel. Suitable for pipes with an inner diameter of up to 450 ccm.

Round-jet air cap, straight spraying - Fig. 67a



Round-jet air cap, sideways spraying - Fig. 70a

Fig. 70b 

Fig. 69a

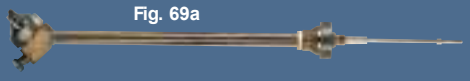


Fig. 69b 

Wide-jet air cap, sideways spraying

Wide-jet air cap, straight spraying - Fig. 68

Plate nozzle (external mixing system) - Fig. 71

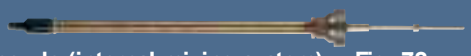


Plate nozzle (internal mixing system) - Fig. 72

PPS paint spraying system

for flow cup spray guns. Specially developed to simplify paint preparation. The paint is mixed directly in the cup and can be stored there.

Especially suitable for frequent colour changes. Furthermore, it allows spraying at any angle.

Equipment:

- Stainless steel adapter for WALTHER PILOT spray guns (for other manufacturers on request)	AFR 030 40 405
- Reusable mixing cup 0.7 litre and plastic sealing ring	AFR 030 40 400
- PPS kit for reordering: 50 non-reusable lids with integrated filter 200 µ	AFR 030 40 401
- PPS kit for reordering: 50 non-reusable lids with integrated filter 125 µ	AFR 030 40 402

Cleaning set Type K for air atomising spray guns
Part No. AFR 030 40 200

Cleaning set for airless spray guns
Part No. AFR 030 40 20x

Material filter, stainless steel
Strainer inserts in mesh sizes 36 and 130

Part No. V 33 153 00 003

Material feed pipe, brass, for various spray guns

Part No. V 10 307 10 000

Feed cups

Syphon-feed cup, aluminium

Part No.
V 11 352 00 000

Suspended pressure feed cup, aluminium

Aluminium gravity feed cups:
50 ccm, 100 ccm , 250 ccm, 350 ccm, 450 ccm, 700 ccm

Part No. V 00 130 00 . . .

Asymmetrical gravity feed cup 450 ccm

Part No. V 00 150 00 000

Plastic gravity feed cup
125 ccm, 450 ccm

Part No.
V 00 130 00 200

Part No.
V 00 130 00 041

Hoses and Fittings

Couplings for compressed air and material

Hoses

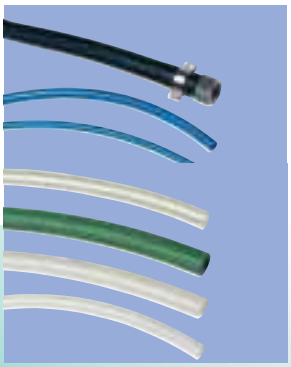
Hose fittings

Clamps

Stop valves

T-pieces

Compressed air micrometer for setting the optimum atomising pressure



Folding cup strainer with nylon fabric insert.
For paint, lacquer, primer.
Solvent-resistant.

Part No. AFR 030 40 300

Paint strainer for asymmetrical gravity feed cup

Part No. V 00 150 05 000

Wide range of nozzle / air cap systems

WALTHER PILOT offers a wide selection of nozzle / air cap systems for every spray gun.

They allow you to spray almost any material with optimum results, at the same time reducing overspray.

Repair kits

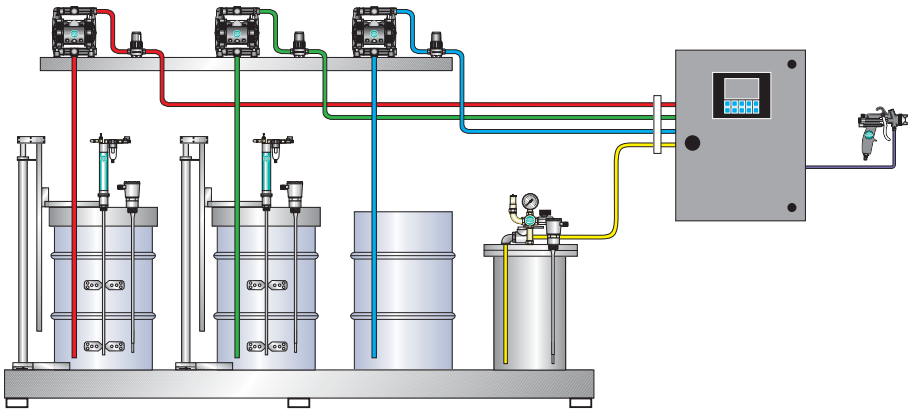
Repair kits are available for all standard WALTHER PILOT spray guns (including automatic spray guns) for the replacement of wearing parts such as nozzles and needles.

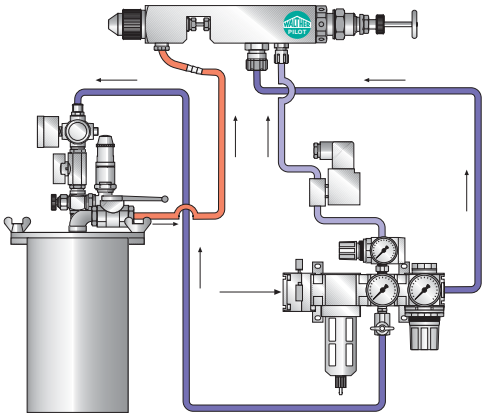
We recommend that you always keep a repair kit in stock to ensure that wearing parts can be replaced quickly.

Nozzle / air cap system for PILOT Mini

Repair kit

WALTHER PILOT





Plan your spraying system with us.

The WALTHER PILOT range offers all components.

WALTHER PILOT – the Systematic Product Range

Spraying Technology
Manual spray guns
Automatic spray guns
HVLP spray guns
Airless equipment
Powder coating equipment

Compressed air supply
Filtered compressed air regulators

Material supply systems
Material pressure tanks
Non-pressurised containers
Material delivery equipment
Agitator systems
Level measuring equipment
Fluid pumps

Safety at work
Breathing protection systems
Protective clothing

Spray booths
Combined spraying and drying booths
Exhaust extraction systems with dry filtration
Exhaust extraction systems with wet filtration

Dryers
Ventilation systems

Wide range of accessories

WALTHER PILOT®
Die Beschichtungs-Experten

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